

We Claim:

- 1 1. A clear ibuprofen composition comprising:
 - 2 a. from about 15% to about 40% w/w of ibuprofen,
 - 3 b. from about 15% to about 25% w/w of polyethylene glycol,
 - 4 c. from about 20% to about 50% w/w of a surfactant,
 - 5 d. from about 1% to about 5% w/w of an alkalizing agent, and
 - 6 e. from about 5% to about 10% w/w of water.
- 1 2. The composition according to claim 1 wherein the ibuprofen comprises from about
2 15% to about 30% w/w of the composition.
- 1 3. The composition according to claim 1 wherein the polyethylene glycol has an
2 average molecular weight of about 300 to about 1000.
- 1 4. The composition according to claim 1 wherein the polyethylene glycol has a
2 molecular weight of about 400.
- 1 5. The composition according to claim 1 wherein the surfactant is a non-ionic
2 hydrophilic surfactant.
- 1 6. The composition according to claim 5 wherein the non-ionic hydrophilic surfactant
2 comprises one or more of polyoxyethylene alkylethers, polyethylene glycol fatty
3 acids esters, polyethylene glycol glycerol fatty acid esters, polyoxyethylene
4 sorbitan fatty acid esters, polyoxyethylene-polyoxypropylene block copolymers,
5 polyglyceryl fatty acid esters, polyoxyethylene glycerides, polyoxyethylene
6 vegetable oils, and polyoxyethylene hydrogenated vegetable oils.
- 1 7. The composition according to claim 6 wherein the surfactant comprises
2 polyoxyethylene sorbitan fatty acid ester.
- 1 8. The composition according to claim 1 wherein the alkalizing agent comprises one
2 or more of amino acids, amino acid esters, diisopropylethylamine, ethanolamine,
3 ethylenediamine, triethanolamine, meglumine, trimethylamine, triethylamine,
4 triisopropanolamine and salts of pharmaceutically acceptable acids.
- 1 9. The composition according to claim 8 wherein the salts of pharmaceutically
2 acceptable acids comprises one or more of ammonium hydroxide, potassium
3 hydroxide, sodium hydroxide, sodium hydrogen carbonate, aluminum hydroxide,

4 calcium carbonate, potassium carbonate, magnesium hydroxide, magnesium
5 aluminum silicate, synthetic aluminum silicate, magnesium aluminum hydroxide
6 and calcium silicate.

1 10. The composition according to claim 9 wherein the salt comprises potassium
2 carbonate.

1 11. The composition according to claim 1 further comprising one or more active
2 ingredients, wherein the active ingredients comprise one or more of glucosamine,
3 pseudoephedrine, codeine, paracetamol, econazole, hydrocodone, COX-2
4 inhibitors, alprazolam, dextromethorphan and chlorpheniramine.

1 12. The composition according to claim 1 wherein the composition is filled into soft
2 gelatin capsules.

1 13. A process of preparing a clear ibuprofen composition, the process comprising the
2 steps of:

- 3 a. dissolving one or more alkalizing agents in water to form a solution,
- 4 b. dispersing ibuprofen in polyethylene glycol to form a dispersion,
- 5 c. blending the solution of step (a) with the dispersion of step (b) with
6 continuous stirring to form a dispersion,
- 7 d. optionally heating the dispersion of step (c), and
- 8 e. adding one or more surfactants to the dispersion of step (d) and mixing to
9 obtain a clear solution.

1 14. The process according to claim 13 wherein the ibuprofen comprises from about
2 15% to about 30% w/w of the composition.

1 15. The process according to claim 13 wherein the polyethylene glycol has an average
2 molecular weight ranging from about 300 to about 1000.

1 16. The process according to claim 13 wherein the polyethylene glycol has a molecular
2 weight of about 400.

1 17. The process according to claim 13 wherein the surfactant comprises a non-ionic
2 hydrophilic surfactant.

1 18. The process according to claim 17 wherein the non-ionic hydrophilic surfactant
2 comprises one or more of polyoxyethylene alkylethers, polyethylene glycol fatty
3 acids esters, polyethylene glycol glycerol fatty acid esters, polyoxyethylene

- 4 sorbitan fatty acid esters, polyoxyethylene-polyoxypropylene block copolymers,
5 polyglyceryl fatty acid esters, polyoxyethylene glycerides, polyoxyethylene
6 vegetable oils, and polyoxyethylene hydrogenated vegetable oils.
- 1 19. The process according to claim 18 wherein the surfactant comprises
2 polyoxyethylene sorbitan fatty acid ester.
- 1 20. The process according to claim 13 wherein the alkalizing agent comprises one or
2 more of amino acids, amino acid esters, diisopropylethylamine, ethanolamine,
3 ethylenediamine, triethanolamine, meglumine, trimethylamine, triethylamine,
4 triisopropanolamine and salts of pharmaceutically acceptable acids.
- 1 21. The process according to claim 20 wherein the salts of pharmaceutically acceptable
2 acids are selected from one or more of ammonium hydroxide, potassium
3 hydroxide, sodium hydroxide, sodium hydrogen carbonate, aluminum hydroxide,
4 calcium carbonate, potassium carbonate, magnesium hydroxide, magnesium
5 aluminum silicate, synthetic aluminum silicate, magnesium aluminum hydroxide
6 and calcium silicate.
- 1 22. The process according to claim 13 further comprising one or more active
2 ingredients, wherein the active ingredients comprise one or more of glucosamine,
3 pseudoephedrine, codeine, paracetamol, econazole, hydrocodone, COX-2
4 inhibitors, alprazolam, dextromethorphan and chlorpheniramine.
- 1 23. The process according to claim 13 further filling the solution into a soft gelatin
2 capsule.
- 1 24. A method of relieving one or more of pain, tenderness, inflammation and stiffness
2 caused by one or more of arthritis and gout and pains from one or more of the
3 common cold, backache, and pain after surgery or dental work, the method
4 comprising administering a clear ibuprofen composition comprising:
- 5 a. from about 15% to about 40% w/w of ibuprofen,
6 b. from about 15% to about 25% w/w of polyethylene glycol,
7 c. from about 20% to about 50% w/w of surfactant,
8 d. from about 1% to about 5% w/w of alkalizing agent, and
9 e. from about 5% to about 10% w/w of water.

- 1 25. The method according to claim 24, wherein the composition further comprises one
2 or more of glucosamine, pseudoephedrine, codeine, paracetamol, econazole,
3 hydrocodone, COX-2 inhibitors, alprazolam, dextromethorphan and
4 chlorpheniramine.